

REMARKS

The Examiner's Action mailed on April 18, 2003 has been received and its contents carefully considered.

Claims 3 and 5 are retained in their original form in this application. Claims 12 and 14 to 16 have been deleted. Claim 1, 2, 4, 6 to 11 and 13 has been amended.

The Examiner has rejected claims 1 to 16 under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 4,191,988 to Kumakura.

Responsive to this, claim 1 has been amended to substantially incorporate the subject matter of claim 12, and claims 12 and 14 to 16 have been deleted.

Applicant respectfully disagrees with the Examiner because the structure of Kumakura is substantially different from that of the claimed invention. Kumakura does not disclose a hole defined in each casing of a rotor and a bearing received in the hole of each casing of a rotor, as recited in the amended claim 1 of this invention. Instead, the bearings 22, 23 of Kumakura are mounted on a shaft 16 that is a part of the bicycle hub but are not received in holes defined in the rotor 21. Moreover, Kumakura does not disclose a recess defined in each casing of the rotor 21 and an indent defined in the inner periphery of each hole for an inner wire extending through the indent, as recited in the amended claim 1 of this invention. Further, Kumakura does not disclose multiple salient poles formed on each cover of the annular coil 54. In addition, the shaft 16 of Kumakura is not made of an insulating material, but is instead made of metal, and the ring of permanent magnets 40 of Kumakura is not mounted on the outer periphery of the annular flange 25, but is instead mounted on a stationary drum 38 that is far away from the flange

25. Further, Kumakura does not disclose two electrical rings mounted around the shaft 16 and electrically connected to the bearings and two outer wires, as recited in the amended claim 1. Further, Kumakura does not disclose an electrical loop constructed of two covers, two inner wires, two bearings, two rings and two outer wires from the coil to a bicycle light, as recited in the amended claim 1. Therefore, the structure of Kumakura is structurally different from the invention described in the amended claim 1.

Additionally, the identification lamp apparatus of Kumakura is mounted on a hub of a bicycle and rotates with the hub around an axis of a wheel of the bicycle. The apparatus of Kumakura does not abut a wheel of a bicycle and is not actuated by the wheel by means of contacting the wheel. The apparatus of Kumakura must be manufactured with the hub of the bicycle, and to assemble the apparatus of Kumakura with a bicycle is troublesome. In contrast, the generator of the present invention is actuated by contacting a wheel when the wheel rotates. Further, the generator of the present invention is an attachment piece and is detachable from the bicycle frame. Attachment or removal of the generator to or from the bicycle frame is easy. Therefore, the operation of the Kumakura apparatus is also substantially different from that of the current invention. It is requested that this rejection to claim 1 be withdrawn, and the amended claim 1 be allowed.

Furthermore, Kumakura does not disclose an annular flange formed on the bottom of the recess of each casing of the rotor, and at least one stud and bore in each casing for combining the casings together, as recited in claims 2 to 11 and 13 of this invention. Therefore, claims 2 to 11 and 13, which are dependent on the allowable

amended claim 1, are also allowable.

After the amendment to the claims, the anticipation rejections under 35 USC 102(b) are overcome. Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

It is submitted that this application is in condition for allowance. Such action and the passing of this case to issue are requested.

Should the Examiner feel that a conference would help to expedite the prosecution of the application, the Examiner is hereby invited to contact the undersigned counsel to arrange for such an interview.

Respectfully submitted,



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Date

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